

Title (en)

WATER VAPORIZER WITH INTERMEDIATE STEAM SUPERHEATING PASS

Title (de)

WASSERVERDAMPFER MIT ZWISCHENDAMPFÜBERHITZUNGSDURCHLAUF

Title (fr)

VAPORISATEUR D'EAU AVEC PASSAGE DE SURCHAUFFE DE VAPEUR INTERMÉDIAIRE

Publication

**EP 2225524 A4 20140625 (EN)**

Application

**EP 08849188 A 20081113**

Priority

- US 2008083399 W 20081113
- US 93908107 A 20071113

Abstract (en)

[origin: WO2009064881A2] The present invention provides a water vaporizer including a first flow path connected to a water inlet, a second flow path for receiving superheated water vapor from the first flow path and being connected to a vapor outlet to exhaust the superheated water vapor, and a third flow path extending between an exhaust inlet and an exhaust outlet and being oriented to transfer heat from an exhaust flow to the superheated water vapor. The water vaporizer can also include a first convoluted fin positioned along the second flow path, and a second convoluted fin positioned along the second flow path adjacent to and separated from the first fin to define a gap extending between the first and second fins along a length of the first fin in a direction substantially parallel to the exhaust flow along the third flow path.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2009064881A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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